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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 07917-217002 | Application No. 10/763,049 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Robinson et al. | |
| | | Filing Date January 22, 2004 | Group Art Unit 1633 |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|-----------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| /SL/ | AA | 4,920,209 | 04/24/1990 | Davis <i>et al.</i> | | | |
| /SL/ | AB | 5,589,466 | 12/31/1996 | Felgner <i>et al.</i> | | | |
| /SL/ | AC | 5,620,896 | 04/15/1997 | Hermann <i>et al.</i> | | | |
| /SL/ | AD | 5,827,696 | 10/27/1998 | Estes | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| /SL/ | AE | 92/07941 | 05/14/1992 | PCT | | | | |
| /SL/ | AF | 93/14269 | 07/22/1993 | PCT | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|--|
| Examiner Initial | Desig. ID | Document |
| /SL/ | AG | Both <i>et al.</i> , "Protective Immunity to Rotavirus-Induced Diarrhoea is Passively Transferred to Newborn Mice from Naïve Dams Vaccinated with a Single Dose of a Recombinant Adenovirus Expressing Rotavirus VP7sc," <i>Virology</i> , Vol. 193:940-950 (1993). |
| | AH | Chapman <i>et al.</i> , "Effect of intron A from human cytomegalovirus (Towne) immediate-early gene on heterologous expression in mammalian cells," <i>Nucleic Acids Research</i> , Vol. 19:3979-3986 (1991). |
| | AI | Chattergoon <i>et al.</i> , "Genetic immunization: a new era in vaccines and immune therapeutics," <i>The FASEB Journal</i> , Vol. 11:753-763 (1997). |
| | AJ | Cheng <i>et al.</i> , "In vivo promoter activity and transgene expression in mammalian somatic tissues evaluated by using particle bombardment," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90:4455-4459 (1993). |
| | AK | Cichutek, "Nucleic acid immunization: a prophylactic gene therapy?," <i>Vaccine</i> , Vol. 12:1520-1525 (1994). |
| | AL | Cohen "Naked DNA Points Way to Vaccines," <i>Science</i> , Vol. 259:1691-1692 (1993). |
| | AM | Conner <i>et al.</i> , "Rotavirus Vaccines and Vaccination Potential," <i>Current Topics in Microbiology and Immunology</i> , Vol. 185:285-337 (1994). |
| | AN | Cullen, "Trans-Activation of Human Immunodeficiency Virus Occurs via a Bimodal Mechanism," <i>Cell</i> , Vol. 46:973-982 (1986). |
| | AO | Davis <i>et al.</i> , "Direct gene transfer in skeletal muscle: plasmid DNA-based immunization against the hepatitis B virus surface antigen," <i>Vaccine</i> , Vol. 12:1503-1509 (1994). |
| | AP | Dharakul <i>et al.</i> , "Immunization with Baculovirus-Expressed Recombinant Rotavirus Proteins VP1, VP4, VP6, and VP7 Induces CD8 ⁺ Lymphocytes That Mediate Clearance of Chronic Rotavirus Infection in SCID Mice," <i>Journal of Virology</i> , Vol. 65:5928-5932 (1991). |
| | AQ | Donnelly <i>et al.</i> , "Immunization with DNA," <i>Journal of Immunological Methods</i> , Vol. 176:145-152 (1994). |
| ✓ | AR | Dormitzer <i>et al.</i> , Transcript of Oral Presentation "Reoviruses (including rota-& orbiviruses)," <i>IXth Intl. Congress of Virology, Workshop W21</i> (1993). |

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| /SL/ | AS | Dormitzer <i>et al.</i> , "Vaccination of Adult Mice with Recombinant Viruses Expressing a Protective Rotavirus Antigen VP7sc," <i>Abstr. LXth Intl. Congress of Virology</i> , W21-2, p. 43 (1993). |
| | AT | Dormitzer <i>et al.</i> , "Presentation of Neutralizing Epitopes by Engineered Rotavirus VP7's Expressed by Recombinant Vaccinia Viruses," <i>Virology</i> , Vol. 204:391-402 (1994). |
| | AU | Dunn <i>et al.</i> , "Comparison of VP4 and VP7 of Five Murine Rotavirus Strains," <i>Virology</i> , Vol. 203:250-259 (1994). |
| | AV | Estes <i>et al.</i> , "Rotavirus Gene Structure and Function," <i>Microbiological Reviews</i> , Vol. 53:410-449 (1989). |
| | AW | Estes <i>et al.</i> , "Progress Toward New Vaccines for Pediatric Diarrhea," <i>Strategies for Pediatric Vaccine</i> , 149-156 (1994). |
| | AX | Franco <i>et al.</i> , "Role of B Cells and Cytotoxic T Lymphocytes in Clearance of and Immunity to Rotavirus Infection in Mice," <i>Journal of Virology</i> , Vol. 69:7800-7806 (1995). |
| | AY | Gorziglia <i>et al.</i> , "Similarity of the Outer Capsid Protein VP4 of the Gottfried Strain of Porcine Rotavirus to That of Asymptomatic Human Rotavirus Strains," <i>Journal of Virology</i> , Vol. 64:414-418 (1990). |
| | AZ | Hippenmeyer <i>et al.</i> , "Gene Expression from Heterologous Promoters in a Replication-Defective Avian Retrovirus Vector in Quail Cells," <i>Poultry Science</i> , Vol. 70:982-992 (1991). |
| | AAA | Katsumi <i>et al.</i> , "Humoral and Cellular Immunity to an Encoded Protein Induced by Direct DNA Injection," <i>Human Gene Therapy</i> , Vol. 5:1335-1339 (1994). |
| | ABB | McDonnell <i>et al.</i> , "Molecular Medicine DNA Vaccines," <i>The New England Journal of Medicine</i> , Vol. 334:42-45 (1996). |
| | ACC | Nishikawa <i>et al.</i> , "The nucleotide sequence of the VP3 gene of porcine rotavirus OSU," <i>Nucleic Acids Research</i> , Vol. 16:11847 (1988). |
| | ADD | Palombo <i>et al.</i> , "Sequences of VP6 genes of human rotavirus strain RV3 and its vaccine derivative," <i>Journal of General Virology</i> , Vol. 75:2415-2419 (1994). |
| | AEE | Paul <i>et al.</i> , "Immunogens of rotaviruses," <i>Veterinary Microbiology</i> , Vol. 37:299-317 (1993). |
| | AFF | Riepenhoff-Talty <i>et al.</i> , "Rotavirus Infection in Mice: Pathogenesis and Immunity," <i>Adv. Exp. Med. Biol.</i> , Vol. 216B:1015-1023 (1987). |
| | AGG | Smith <i>et al.</i> , "Construction and characterization of an infectious vaccinia virus recombinant that expresses the influenza hemagglutinin gene and induces resistance to influenza virus infection in hamsters," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 80:7155-7159 (1983). |
| | AHH | Stoker <i>et al.</i> , "v-src induces clonal sarcomas and rapid metastasis following transduction with a replication-defective retrovirus," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 86:10123-10127 (1989). |
| | AII | Sveda <i>et al.</i> , "Functional expression in primate cells of cloned DNA coding for the hemagglutinin surface glycoprotein of influenza virus," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 78:5488-5492 (1981). |
| | AJJ | Taniguchi <i>et al.</i> , "Identification of Cross-Reactive and Serotype 2 -Specific Neutralization Epitopes on VP3 of Human Rotavirus," <i>Journal of Virology</i> , Vol. 62:2421-2426 (1988). |
| | AKK | Tarlow <i>et al.</i> , "Nucleotide sequence of group antigen (VP6) of the UK tissue culture adapted strain of Bovine Rotavirus," <i>Nucleic Acids Research</i> , Vol. 18:4921 (1990). |
| | ALL | Ulmer <i>et al.</i> , "Protective immunity by intramuscular injection of low doses of influenza virus DNA vaccines," <i>Vaccine</i> , Vol. 12:1541-1544 (1994). |
| ✓ | AMM | Wang <i>et al.</i> , "Gene inoculation generates immune responses against human immunodeficiency virus type 1," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90:4156-4160 (1993). |

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| /SL/ | ANN | Ward <i>et al.</i> , "Development of an Adult Mouse Model for Studies on Protection Against Rotavirus," <i>Journal of Virology</i> , Vol. 64:5070-5075 (1990). |
| | AOO | Webster <i>et al.</i> , "Protection of ferrets against influenza challenge with a DNA vaccine to the haemagglutinin," <i>Vaccine</i> , Vol. 12:1495-1498 (1994). |
| | APP | Williams <i>et al.</i> , "Introduction of foreign genes into tissues of living mice by DNA-coated microprojectiles," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88:2726-2730 (1991). |
| | AQQ | Xu <i>et al.</i> , "Investigation of promoter function in human and animal cells infected with human recombinant adenoviruses expressing rotavirus antigen VP7sc," <i>Journal of General Virology</i> , Vol. 76:1971-1980 (1995). |
| | ARR | Yang <i>et al.</i> , "In Vivo and in vitro gene transfer to mammalian somatic cells by particle bombardment," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87:9568-9572 (1990). |
| ↓ | ASS | Yang, "Gene Transfer Into Mammalian Somatic Cells In Vivo," <i>Crit. Rev. Biotechnol.</i> , Vol. 12:335-356 (1992). |

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